

ER-2 #809 02/02/16

Aircraft: [ER-2 - AFRC #809](#) ([See full schedule](#))

Flight Number: 16-9036

Payload Configuration: SPEX; AirMSPI-1

Nav Data Collected: Yes

Total Flight Time: 2 hours

Comments: Flight 16-9036 was a successful engineering flight for the SPEX instrument. The objectives were met; 2 hour flight as planned. An instrument heater stopped working during climb-out. SRON ground crew notified the pilot to restart the SPEX instrument. The pilot had no indication of the heater not working. SPEX restarted normally; the heater worked as expected. However, there was more instrument cooling than expected. The pilot noted turbulence between 510 and 610 up in the Sierras at about 18:54 and at 20:10 during the descent. The flight was smooth north of 22.5 deg. The sky was clear for both SPEX and AirMSPI-1. There were no issues with AirMSPI-1

Submitted by: Kevin Walsh on 02/02/16

Flight Segments:

From:	PMD	To:	PMD
Date:	02/02/16		
Flight Time:	2 hours		
Log Number:	162015	PI:	Otto Hasekamp
Funding Source:	Martijn Smit - SRON - Instrument Scientist		
Purpose of Flight:	Check		

Flight Hour Summary:

	152007	162015
Flight Hours Approved in SOFRS		5.3
Total Used	0	3.7
Total Remaining		1.6

162015 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
02/02/16	16-9036	Check	2	2	3.3	
02/04/16	16-9037	Check	1.7	3.7	1.6	

Source URL: https://airbornescience.nasa.gov/flight_reports/ER-2_809_02_02_16#comment-0

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Page Editor: Brad Bulger

NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.